

SPECIFICATION

Nominal Input Current	10 Amp
Maximum Input Current	100 Amp continuous, 200 Amp for 3 min
Nominal Output Signal	1 Amp = 0.4mA
Typical Linearity	Better than 1% of reading
Maximum Error	2% of reading
Accuracy at 1000Hz	1% at 10 Amp
Phase Error	Typically 3°
Load Impedance	250 Ohm maximum
Frequency Range	40Hz to 5000Hz
Dielectric Strength	3000 Volt 50Hz for 1 minute
Environment	Indoor use only, altitude less than 2000m
Temperature Range	-10°C to +50°C (-20°C to +70°C storage)
Humidity	Max 80% RH at 30°C, reducing to 40% RH at 50°C
Protection Degree	IP20
Safety Class / Max Working Voltage	600 Volts rms (bare conductor) under CAT III IEC 61010-1 300 Volts rms (bare conductor) under CAT IV IEC 61010-1 1000 Volt rms (isolated conductor)
Dielectric Strength	3000 Volt 50Hz for 1 minute
Jaw aperture	15 x 17 mm
Dimensions	102 x 42.5 x 23.5 mm
Weight	175 grams
Colour	Grey & Black
Output	4 mm Safety Sockets Optional cable output, with bare ends or connector.
Special Features	Jaws lock when closed

Typical Test Results

Current Amps	Linearity 25R Burden %	Linearity 250R Burden %	Phase Error Degrees
0.1		+0.02	+3
0.2		+0.01	
0.5	+0.03	+0.02	
1	+0.01	+0.03	
5	+0.01	+0.02	
10	+0.02	+0.00	
20	+0.01	+0.34	
50	+0.12		
100	+0.00		
150	+0.05		

